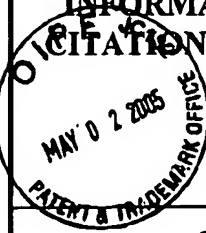











Form PTO-1449 (Modified) INFORMATION DISCLOSURE CITATION IN AN APPLICATION 	Application No.	10/687,352
	Filing Date	October 15, 2003
	First Named Inventor	Perez
	Group Art Unit	2121 2125
	Examiner Name	Chang, Sunray
Sheet 1 of 1	Attorney Docket No.	82887/7948

OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS			
EXAMINER INITIALS*	CITE NO.	COPY NOT ENCLOSED PER 37 CFR § 1.98(d)	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	AA		HUNTER INDUSTRIES, "ICC Commercial Irrigation Controllers, Owner's Manual and Installation Instructions for all 8 Station Base Models," April 2002, pp.1-34, Hunter Industries Incorporated, San Marcos, CA.
	AB		HUNTER INDUSTRIES, "Hunter ICC Controllers," September 2002, pp.1-2, Hunter Industries Incorporated, San Marcos, CA.
	AC		HUNTER INDUSTRIES, "ICC Controllers, Institutional Series Controllers for Heavy Duty Residential and Commercial Applications," November 2002, pp.1-22, Hunter Industries Incorporated, San Marcos, CA.
	AD		HUNTER INDUSTRIES, "Pro-C Controller, A Complete Family of Full-Featured Residential and Light Commercial Controllers," March 2002, pp.1-32, Hunter Industries Incorporated, San Marcos, CA.
	AE		HUNTER INDUSTRIES, "Hunter Pro-C Controllers," June 2002, pp.1-2, Hunter Industries Incorporated, San Marcos, CA.
	AF		HUNTER INDUSTRIES, "Pro-C Residential and Light Commercial Irrigation Controllers, Owner's Manual and Installation Instructions," November 2000, pp.1-34, Hunter Industries Incorporated, San Marcos, CA.
	AG		RAIN BIRD, "Installation and Operation Guide, Controller Unit IM", April 2002, pp. 82-86, Rain Bird Corporation, Glendora, CA.
	AH		RAIN BIRD, "Rain Bird - Landscape Irrigation: Products: IM Series Controllers", www.rainbird.com , published at http://web.archive.org/web/20030203155244/www.rainbird.com/landscape/products/controllers/im.htm , February 5, 2003, pp. 1-4, Rain Bird Corporation, Glendora, CA.

Examiner Signature		Date Considered	2/13/06
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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention

OPEN ARCHITECTURE MODULARITY FOR IRRIGATION CONTROLLERS

Application Number : 10/687352



Confirmation Number: 7833

First Named Applicant: Sergio Perez

Attorney Docket Number: 82887/7948

Art Unit: 2121 2125

Examiner: Sunray Chang

Search string: (3942077 or 4250563 or 4870863 or 4882702 or 4920453 or 4937732 or 4937746 or 5262936 or 5265005 or 5479338 or 5748466 or 5956248 or 6088621 or 6453215 or 6459959 or 6721630 or 6772050 or 20020091452 or 20020183898).pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	3942077	1976-03-02	Powers			
	2	4250563	1981-02-10	Struger			
	3	4870863	1989-10-03	Duncan et al.			
	4	4882702	1989-11-21	Struger et al.			
	5	4920453	1990-04-24	Onose et al.			
	6	4937732	1990-06-26	Brundisini			
	7	4937746	1990-06-26	Brundisini			
	8	5262936	1993-11-16	Faris et al.			
	9	5265005	1993-11-23	Schmidt et al.			
	10	5479338	1995-12-26	Ericksen et al.			
	11	5748466	1998-05-05	McGivern et al.			
	12	5956248	1999-09-21	Williams et al.			
	13	6088621	2000-07-11	Woytowitz et al.			
	14	6453215	2002-09-17	Lavoie			
	15	6459959	2002-10-01	Williams et al.			
	16	6721630	2004-04-13	Woytowitz			
	17	6772050	2004-08-03	Williams et al.			

US Published Applications

ZOLA CABRERA 2/13/06

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init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
<i>R</i>	1	20020091452	2002-07-11	Addink et al.	—	—	—
<i>R</i>	2	20020183898	2002-12-05	Williams et al.	—	—	—

Signature

Examiner Name	Date
<i>ZOLA CABRERA</i>	<i>2/13/06</i>

NOV 01 2005

Form PTO-1449 (Modified) INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Application No.	10/687,352
	Filing Date	October 15, 2003
	First Named Inventor	Perez et al.
	Group Art Unit	2125
	Examiner Name	Cabrera, Zoila E.
Sheet 1 of 1		Attorney Docket No. 82887/7948

U.S. PATENT DOCUMENTS									
EXAMINER INITIALS*	CITE NO.	COPY NOT ENCLOSED PER 37 CFR § 1.98(d) or 1.98(a)(2)(G)	U.S. PATENT DOCUMENT		NAME OF INVENTOR OR APPLICANT	DATE OF ISSUANCE OR PUBLICATION (MM-DD-YYYY)	CLASS	SUB CLASS	FILING DATE (MM-DD-YYYY)
			PATENT, PUB., OR APP. NO.	KIND CODE (if known)					
<i>R</i>	AA	X	6,230,089	B1	Lonn et al.	05-08-2001	—	—	—
<i>R</i>	AB	X	2002/0091452	A1	Addink et al.	07-11-2002	—	—	—
<i>R</i>	AC	X	2003/0182022	A1	Addink et al.	09-25-2003	—	—	—

OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS			
EXAMINER INITIALS*	CITE NO.	COPY NOT ENCLOSED PER 37 CFR § 1.98(d)	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
<i>R</i>	AD		PCT International Authority; "International Search Report" for PCT/US04/43473; Attorney Docket No. 81746/7948; August 31, 2005 (5 Pages).
<i>R</i>	AE		PCT International Authority; "Written Opinion of the International Searching Authority" for PCT/US04/43473; August 31, 2005 (7 Pages).

Examiner Signature	<i>ZOILA CABRERA</i>	Date Considered	<i>2/18/06</i>
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PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/687,352
Filing Date	October 15, 2003
First Named Inventor	Sergio Perez
Art Unit	2125
Examiner Name	Cabrera
Attorney Docket Number	82887/7948

Sheet	1	of	4
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U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	<i>ZOLA CARRELA</i>	Date Considered	2/13/06
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		Application Number	10/687,352
		Filing Date	October 15, 2003
		First Named Inventor	Sergio Perez
		Art Unit	2125
		Examiner Name	Cabrera
Sheet 2 of 4	Attorney Docket Number	82887/7948	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AG	THE STRONG BOX, Stainless Steel Controller Enclosure, 10 pp., V.I.T. Products, Inc., San Diego, CA, 1991	
	AH	RAIN BIRD, Central Control System, Maxicom, June 1994, pp. 2-8, Rain Bird Sales, Inc., Tucson, AZ	
	AI	RAIN BIRD, Components of the Maxicom System, February 9, 1994, p. 3.2, Section 3, U.S.	
	AJ	RAIN BIRD, Central Control System, Maxicom - Guide to Operations, February 1993, TOC and pp. 5.4-1-2; 5.4-41-42; 7.2-1-2; Rain Bird Sales, Inc., Tucson, AZ	
	AK	RAIN BIRD, Maxicom Guide to Operations, October 1994, Chapter 7, U.S.	
	AL	RAIN BIRD, Central Computer Control System, Maxicom, "Landscape Irrigation Products, 1993-1994 Catalog", pp. 98-99, U.S.	
	AM	TORO, Motorola MIR 5000 Radio-Based Irrigation Central Computer Control System, 1991, pp. 1-4, The Toro Company, Riverside, CA	
	AN	MOTOROLA, MIR5000 System Planner, March 8, 1993, TOC and pp. 1-42, The Toro Company, Riverside, CA	
	AO	MOTOROLA, Motorola MIR5000 System Features, November 1991, 20 pp., San Diego Turf & Irrigation, San Diego, CA	
	AP	MOTOROLA, Motorola MIR-5000 Component Descriptions, February 16, 1993, 3 pp.	

Examiner Signature		Date Considered	2/13/06
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
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		Application Number	10/687,352		
		Filing Date	October 15, 2003		
		First Named Inventor	Sergio Perez		
		Art Unit	2125		
		Examiner Name	Cabrera		
Sheet	3	of	4	Attorney Docket Number	82887/7948

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AQ	MOTOROLA, MIR 5000F - Trunked Radio Satellite, 12/14/92, 2 pp., Megeath	
	AR	MOTOROLA, New Members to the MIR5000 Family, Irrinet and Scorpio, 14 pp., Toro, Riverside, CA	
	AS	TORO/MOTOROLA, General Description - IRRInet, 24 pp., Toro, Riverside, CA	
	AT	MOTOROLA, IRRInet Owner's Manual, 1992, TOC and Secs. 1-3, Motorola Communications Israel Ltd., Tel Aviv, Israel	
	AU	MOTOROLA, IRRInet Component Descriptions, February 16, 1993, 6 pp.	
	AV	MOTOROLA, Irrinet - Trunked Radio Satellite, Bidding Specifications, 12/14/92, 1 p., Megeath	
	AW	MOTOROLA, Scorpio, Bidding Specifications, 1/6/93, 3 pp.	
	AX	MOTOROLA, Irrigation Field Unit Owner's Manual, TOC and Secs. 1-3, 1992, Technical Writing Services, Motorola, Inc., Schaumburg, IL	
	AY	MOTOROLA, Scorpion AC, TOC and Secs. 1-3, September 1994, Technical Writing Services, Motorola, Inc., Schaumburg, IL	
	AZ	MOTOROLA, IRRInet General Description Service Manual, 1993, Technical Writing Services, Motorola, Inc., Schaumburg, IL	

Examiner Signature	<u>ZOLA CABRERA</u>	Date Considered	<u>2/13/06</u>
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








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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete If Known			
		Application Number	10/687,352		
		Filing Date	October 15, 2003		
		First Named Inventor	Sergio Perez		
		Art Unit	2125		
		Examiner Name	Cabrera		
Sheet	4	of	4	Attorney Docket Number	82887/7948

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	BA	MOTOROLA Communications Sector, IrriNet I/O Module 4 Digital Inputs/16 Solid-State Outputs, 1992, 25 pp., Technical Writing Services, Motorola, Inc., Schaumburg, IL	
	BB	MOTOROLA, IrriNet CPU Module - Service Manual, 1992, 22 pp., Technical Writing Services, Motorola, Inc., Schaumburg, IL	
	BC	MOTOROLA, MIR5000C Quickstart and Reference Guide, February 1994, Technical Writing Services, Motorola, Inc., Schaumburg, IL	
	BD	MOTOROLA MIR5000C Central System Operating Instructions, 1991, 12 pp., Technical Writing Services, Motorola Communications Israel Ltd., Tel Aviv, Israel	
	BE	MOTOROLA, MIR 5000C System Installation Section, 1989, 23 pp., Technical Writing Services, Motorola Communications Israel Ltd., Tel Aviv, Israel	
	BF	MOTOROLA, Scorpion DC Operation, Sept. 1994, 17 pp., Technical Writing Services, Motorola, Inc. Schaumburg, IL	
	BG	MOTOROLA, Scorpion DC - Installation, Sept. 1994, 4 pp., Technical Writing Services, Motorola, Inc., Schaumburg, IL	
	BH	MOTOROLA, Scorpion AC - Installation Instructions, 1993, 23 pp., Technical Writing Services, Motorola, Inc., Schaumburg, IL	
	BI	MOTOROLA, Line & Second Radio Board: Parts List and Connectors, 2 pp., Technical Writing Services, Motorola, Inc., Schaumburg, IL	

Examiner Signature	ZOLA CABRERA	Date Considered	2/13/06
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